

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("20010027011").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/06 15:44
L2	2095	(Hanaoka Wada Hashimoto Ito Umetsu Matsushima) and through-hole	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/08/06 15:52
L18	7	(("6,962,865") or ("20050042786") or ("20020025587") or ("6,943,056") or ("6,995,455") or ("6,964,887") or ("20020046880")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/06 16:49
L31	728	((Hanaoka Wada Hashimoto Umetsu Matsushima).in. or Ito.in.) and (through-hole hole) with electrode and (through-hole hole) with substrate	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 16:57
L32	107	31 and seiko	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 16:51
L38	2	((Hanaoka Wada Hashimoto Umetsu Matsushima).in. or Ito.in.) and "20020025587"	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 16:54
L41	1	"20020025587" and ((through-hole hole) with electrode or (through-hole hole) with substrate)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 16:57
L42	755	((Hanaoka Wada Hashimoto Umetsu Matsushima).in. or Ito.in.) and (through-hole hole) with electrode and (through-hole hole) with (semiconductor adj wafer or substrate)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 16:57
L43	1	"20020025587" and 42	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 16:58
L44	1	"20020025587" and 42 and seiko	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 16:59

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L45	120	42 and seiko	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 17:09
L46	13	(("3969745") or ("4494688") or ("6365513") or ("4,696,885") or ("5,918,113") or ("6,114,192") or ("6,333,564") or ("6,358,762") or ("6,358,836") or ("6,388,313") or ("6,252,266") or ("5,843,821") or ("6,720,641") or ("4,016,593") or ("6,221,769")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/06 17:12
L47	2911	(257/E23.011,E23.174,E25.013).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/06 17:27
L48	17	"3604989"	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 17:27
L49	22	"3799802"	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 17:27
L50	48	"5767001"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 17:27
L51	139	Masuda and Kazuhiro	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/08/06 17:27
L52	9124	through-hole and (cu copper)	US-PGPUB; USPAT	OR	OFF	2006/08/06 17:27
L53	667	through-hole and (cu copper) and passivation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/06 17:27
L54	5614	(257/758,774,776).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/06 17:27
L55	396	L54 and through-hole	US-PGPUB; USPAT	OR	ON	2006/08/06 17:27

## EAST Search History

L56	8317	(contact-hole through-hole via) with interlayer	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/08/06 17:27
L57	7227	(contact-hole through-hole via) with interlayer and substrate	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/08/06 17:27
L58	610	(contact-hole)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 17:27
L59	85573	(through-hole)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 17:27
L60	2707107	via	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 17:27
L61	2765204	L58 or L59 or L60	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 17:27
L62	9187	L61 with interlayer	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 17:27
L63	7973	L62 and substrate	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 17:27
L64	122860	silicon adj substrate	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/08/06 17:27
L65	2369	L62 and L64	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/08/06 17:27

## EAST Search History

L66	61751	(contact-hole through-hole)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/08/06 17:27
L67	269	L66 with L64	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/08/06 17:27
L68	28	L62 and L67	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/08/06 17:27
L69	14	through-hole and (cu copper) and passivation and hard adj mask	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/06 17:27
L70	106	"4897708"	US-PGPUB; USPAT	OR	ON	2006/08/06 17:27
L71	10	(US-20030210534-\$ or US-20040251554-\$ or US-20040207089-\$).did. or (US-6848177-\$ or US-6486549-\$ or US-5399898-\$ or US-5432999-\$ or US-6184060-\$ or US-4954875-\$ or US-4728627-\$ or US-6664129-\$ or US-5394013-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/08/06 17:27
L72	10	L71 and (contact-hole through-hole via)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/08/06 17:27
L73	1	L71 and L56	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/08/06 17:27

## EAST Search History

L74	19	(US-20020017710-\$ or US-20030008417-\$ or US-20030183921-\$ or US-20040164418-\$).did. or (US-4652970-\$ or US-4902637-\$ or US-5055914-\$ or US-5192988-\$ or US-5229647-\$ or US-5404046-\$ or US-5637925-\$ or US-5973927-\$ or US-5682062-\$ or US-6322903-\$ or US-6486549-\$ or US-6566232-\$ or US-6664129-\$ or US-6717254-\$ or US-6753205-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/08/06 17:27
L75	5054	L63 and electrode	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/08/06 17:27
L76	4	(("20010027011") or ("20040092099") or ("6852621") or ("6667551")).PN.	US-PGPUB; USPAT	OR	OFF	2006/08/06 17:27
L77	621	(257/531).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/06 17:27